

(Absence of an entry indicates that the data were not estimated.)

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
AaC2: Aceitunas-----	H1	0-7	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-69	23-33
	H2	7-60	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-72	25-35
AbC2: Aceitunas-----	H1	0-7	Sandy clay loam	SC	A-6	0	0	100	100	80-90	35-50	30-38	11-15
	H2	7-60	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-72	25-35
AcD: Aguilita-----	H1	0-13	Cobbly clay	CH, CL, GC, SC	A-6, A-7-6	0-1	55-75	60-80	50-80	50-75	45-70	37-52	16-28
	H2	13-60	Loam, gravelly loam	CL, SC	A-4, A-6	0-1	0-5	80-95	70-95	60-95	45-85	28-32	9-13
AcE: Aguilita-----	H1	0-13	Cobbly clay	CH, CL, GC, SC	A-6, A-7-6	0-1	55-75	60-80	50-80	50-75	45-70	37-52	16-28
	H2	13-60	Loam, gravelly loam	CL, SC	A-4, A-6	0-1	0-5	80-95	70-95	60-95	45-85	28-32	9-13
AdE2: Aibonito-----	H1	0-7	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-100	48-56	21-25
	H2	7-37	Clay	MH	A-7-5, A-7-6	0	0	100	100	95-100	90-100	52-61	23-28
	H3	37-60	Clay	CH, CL, MH, ML	A-7-6	0	0	100	100	90-100	75-95	48-52	21-23
An: Alluvial Land---	H1	0-60	Variable			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
AoD: Anones-----	H1	0-6	Clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-80	45-55	25-30
	H2	6-13	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-48	18-25
	H3	13-27	Loam	CL	A-6	0	0	100	100	85-95	60-75	30-35	11-15
	H4	27-40	Weathered bedrock			---	---	---	---	---	---	---	---
AoE2: Anones-----	H1	0-6	Clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-80	45-55	25-30
	H2	6-13	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-48	18-25
	H3	13-27	Loam	CL	A-6	0	0	100	100	85-95	60-75	30-35	11-15
	H4	27-40	Weathered bedrock			---	---	---	---	---	---	---	---
AoF2: Anones-----	H1	0-6	Clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-80	45-55	25-30
	H2	6-13	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-48	18-25
	H3	13-27	Loam	CL	A-6	0	0	100	100	85-95	60-75	30-35	11-15
	H4	27-40	Weathered bedrock			---	---	---	---	---	---	---	---
Ba: Bajura-----	H1	0-6	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	66-76	41-49
	H2	6-54	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	60-76	36-49
BcB: Bejucos-----	H1	0-9	Sandy clay loam	CL, SC	A-4, A-6	0	0	100	100	80-90	35-55	25-34	8-13
	H2	9-13	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	29-39	10-16
	H3	13-18	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-43	16-18
	H4	18-37	Silty clay	CL	A-7-6	0	0	100	100	95-100	90-95	43-48	18-21
	H5	37-60	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	34-43	13-18
BeB: Bejucos-----	H1	0-9	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	60-70	30-40	14-20	2-5
	H2	9-13	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	29-39	10-16
	H3	13-18	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-43	16-18
	H4	18-37	Silty clay	CL	A-7-6	0	0	100	100	95-100	90-95	43-48	18-21
	H5	37-60	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	34-43	13-18

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
CaC:													
Cabo Rojo-----	H1	0-8	Clay	CH, MH	A-7-5, A-7-6	0	0	100	85-95	75-95	65-90	52-70	23-33
	H2	8-26	Clay	CH, MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-33
	H3	26-60	Clay	CH, MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-33
CaC2:													
Cabo Rojo-----	H1	0-5	Clay	CH, MH	A-7-5, A-7-6	0	0	100	85-95	75-95	65-90	52-70	23-33
	H2	5-23	Clay	CH, MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-33
	H3	23-60	Clay	MH, CH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-33
CbF2:													
Caguabo-----	H1	0-4	Clay loam	CL	A-6, A-7-6	0	0	80-100	75-100	75-100	50-80	35-43	15-21
	H2	4-10	Very gravelly clay loam, very gravelly silty clay loam	GC	A-2-6, A-2-7	0	0	35-50	30-45	25-45	20-35	35-43	15-21
	H3	10-16	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	16-20	Unweathered bedrock			---	---	---	---	---	---	---	---
CcB:													
Camaguey-----	H1	0-14	Clay	CH	A-7-6	0	0	100	85-95	75-95	65-90	66-76	41-49
	H2	14-60	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	66-76	41-49
Cd:													
Catano-----	H1	0-4	Sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-70	5-15	0-20	NP
	H2	4-60	Sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-70	5-15	0-20	NP
Ce:													
Catano-----	H1	0-6	Sandy clay loam	SC	A-6	0	0	100	100	80-90	35-50	30-39	11-18
	H2	6-60	Sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-70	5-15	0-20	NP

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
CfC2: Cidral-----	H1	0-8	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-61	18-28
	H2	8-40	Clay	CH, MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-33
	H3	40-75	Clay loam	CL	A-6, A-7-6	0	0	100	100	90-100	70-80	30-43	11-18
Ch: Coastal Beach---	H1	0-6	Sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	0-14	NP
	H2	6-80	Coarse sand, sand, fine sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	0-14	NP
CLD: Colinas-----	H1	0-8	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	37-43	16-21
	H2	8-20	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	35-43	16-21
	H3	20-60	Weathered bedrock			---	---	---	---	---	---	---	---
ClE: Colinas-----	H1	0-6	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	37-43	16-21
	H2	6-20	Clay loam	CL	A-7-6, A-6	0	0	90-100	75-100	70-100	55-80	35-43	16-21
	H3	20-60	Weathered bedrock			---	---	---	---	---	---	---	---
ClF2: Colinas-----	H1	0-6	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	37-43	16-21
	H2	6-20	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	35-43	16-21
	H3	20-60	Weathered bedrock			---	---	---	---	---	---	---	---
CmD: Colinas-----	H1	0-6	Cobbly clay loam	CL	A-6, A-7-6	20-40	10-25	80-100	70-100	65-100	50-80	37-43	16-21
	H2	6-20	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	35-43	16-21
	H3	20-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
CmE: Colinas-----	H1	0-6	Cobbly clay loam	CL	A-6, A-7-6	20-40	10-25	80-100	70-100	65-100	50-80	37-43	16-21
	H2	6-20	Clay loam	CL	A-6, A-7-6	0	0	90-100	75-100	70-100	55-80	35-43	16-21
	H3	20-60	Weathered bedrock			---	---	---	---	---	---	---	---
Cn: Coloso-----	H1	0-7	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	39-48	18-25
	H2	7-60	Silty clay loam, silty clay, clay	CH, CL	A-7-6	0	0	100	100	95-100	75-95	43-61	21-35
CoE: Consumo-----	H1	0-7	Clay	CH, CL, MH, ML	A-7-6	0	0	100	100	95-100	85-95	43-52	18-23
	H2	7-22	Clay	MH	A-7-5	0	0	100	100	90-100	85-95	56-64	26-30
	H3	22-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	34-47	13-20
CoF2: Consumo-----	H1	0-6	Clay	CH, CL, MH, ML	A-7-6	0	0	100	100	95-100	85-95	43-52	18-23
	H2	6-20	Clay	MH	A-7-5	0	0	100	100	90-100	85-95	56-64	26-30
	H3	20-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	34-47	13-20
Cr: Corcega-----	H1	0-8	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	35-48	15-25
	H2	8-14	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	35-48	15-25
	H3	14-32	Sandy clay loam	CL, SC	A-6, A-7-6	0	0	100	100	80-90	36-55	30-43	11-21
	H4	32-50	Sand	SM, SP-SM	A-2-4, A-3	0	0	100	100	50-70	5-15	0-14	NP

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
CtB2:													
Cotito-----	H1	0-6	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-61	23-28
	H2	6-29	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	61-70	28-33
	H3	29-33	Unweathered bedrock			---	---	---	---	---	---	---	---
CuB2:													
Coto-----	H1	0-7	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	65-76	30-35
	H2	7-51	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	65-82	30-39
CuC2:													
Coto-----	H1	0-7	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	65-76	30-35
	H2	7-60	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	65-82	30-39
CvB:													
Coto-----	H1	0-8	Sandy clay loam	SC	A-6	0	0	100	100	80-90	40-50	29-38	10-15
	H2	8-60	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	65-82	30-39
CwF:													
Cuchillas-----	H1	0-5	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-48	20-25
	H2	5-15	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	35-48	15-25
	H3	15-26	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	26-40	Unweathered bedrock			---	---	---	---	---	---	---	---
DaD2:													
Daguey-----	H1	0-6	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-64	25-30
	H2	6-38	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-79	25-38
	H3	38-60	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	85-95	70-90	38-43	15-18
DaE2:													
Daguey-----	H1	0-6	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-64	25-30
	H2	6-38	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	75-95	56-79	25-38
	H3	38-60	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	85-95	70-90	38-43	15-18

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
DcD2: Delicias-----	H1	0-6	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	80-90	75-85	70-80	60-80	43-70	18-33
	H2	6-60	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	80-90	75-85	70-80	60-80	43-70	18-33
DeC: Descalabrado----	H1	0-7	Clay loam	CH	A-7	0	0	100	100	100	70-80	50-56	28-33
	H2	7-20	Gravelly clay, gravelly clay loam	CH, SC	A-7	0	0	100	50-75	45-75	35-70	50-68	28-43
	H3	20-24	Unweathered bedrock			---	---	---	---	---	---	---	---
DeD: Descalabrado----	H1	0-7	Clay loam	CH	A-7	0	0	100	100	100	70-80	50-56	28-33
	H2	7-20	Gravelly clay, gravelly clay loam	CH, SC	A-7	0	0	100	50-75	45-75	35-70	50-68	28-43
	H3	20-24	Unweathered bedrock			---	---	---	---	---	---	---	---
DeF: Descalabrado----	H1	0-7	Clay loam	CH	A-7	0	0	100	100	100	70-80	50-56	28-33
	H2	7-20	Gravelly clay, gravelly clay loam	CH, SC	A-7	0	0	100	50-75	45-75	35-70	50-68	28-43
	H3	20-24	Unweathered bedrock			---	---	---	---	---	---	---	---
Du: Dique-----	H1	0-6	Silt loam	CL	A-4, A-6	0	0	100	100	85-100	60-90	28-36	9-16
	H2	6-36	Loam, silt loam	CL	A-4, A-6	0	0	100	100	85-100	60-90	28-36	9-20
	H3	36-60	Loam, silt loam	CL	A-4, A-6	0	0	100	100	85-100	60-90	28-36	9-20

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Es:													
Espinal-----	H1	0-12	Sand	SP-SM	A-3	0	0	100	100	52-70	5-10	0-14	NP
	H2	12-19	Sand	SP-SM	A-3	0	0	100	100	52-70	5-10	0-14	NP
	H3	19-60	Sand	SP-SM	A-3	0	0	100	100	52-70	5-10	0-14	NP
GnC:													
Guanajibo-----	H1	0-10	Sandy loam	SC, SC-SM	A-2-4	0	0	100	100	60-70	30-35	20-25	5-8
	H2	10-17	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	29-38	10-15
	H3	17-23	Clay loam	CL	A-6	0	0	100	100	90-100	70-80	30-38	11-15
	H4	23-37	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	32-38	12-15
	H5	37-60	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-61	23-28
GoC:													
Guanajibo-----	H1	0-10	Loam	CL	A-4, A-6	0	0	100	100	85-95	60-75	25-30	8-11
	H2	10-17	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	29-38	10-15
	H3	17-23	Clay loam	CL	A-6	0	0	100	100	90-100	70-80	30-38	11-15
	H4	23-37	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	32-38	12-15
	H5	37-60	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-61	23-28
GPQ:													
Gravel, Pits And Quarries-----		---	---	---	---	---	---	---	---	---	---	---	---
GuB:													
Guerrero-----	H1	0-10	Sand	SP-SM	A-3	0	0	100	100	51-70	5-10	0-14	NP
	H2	10-22	Sand, loamy sand	SP-SM	A-3	0	0	100	100	51-70	5-10	---	NP
	H3	22-28	Loamy sand	SM	A-2-4	0	0	100	100	50-75	15-30	0-14	NP
	H4	28-36	Sandy clay	CH, CL, SC, SM	A-6, A-7-6	0	0	100	100	85-95	45-60	38-52	16-23
	H5	36-70	Clay	CH, CL, MH, ML	A-7	0	0	100	100	90-100	75-95	47-66	20-33

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
HmD2: Humatas-----	H1	0-8	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	85-95	52-65	23-30
	H2	8-28	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	85-95	61-72	28-36
	H3	28-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	36-47	14-20
HmE2: Humatas-----	H1	0-4	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	85-95	52-65	23-30
	H2	4-25	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	85-95	61-72	28-36
	H3	25-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	36-47	14-20
HmF2: Humatas-----	H1	0-4	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	85-95	52-65	23-30
	H2	4-23	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	85-95	61-72	28-36
	H3	23-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	36-47	14-20
HuE: Humatas-----	H1	0-4	Gravelly clay	GM, MH, SM	A-7-5, A-7-6	0	0	55-75	50-70	45-70	40-65	52-65	23-30
	H2	4-25	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	85-95	61-72	28-36
	H3	25-60	Silty clay loam, silty clay, clay	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	36-47	14-20

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Ig: Igualdad-----	H1	0-4	Clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-66	25-39
	H2	4-24	Clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-66	25-39
	H3	24-30	Sandy clay, sandy clay loam	CH, CL, SC	A-7	0	0	100	100	85-95	45-60	43-61	21-35
	H4	30-60	Sand	SM, SP-SM	A-1-b, A-2-4, A-3	0	0	95-100	90-95	45-65	5-15	0-14	NP
JaC: Jacana-----	H1	0-6	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	52-57	28-32
	H2	6-21	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	52-66	28-39
	H3	21-28	Clay loam, sandy clay loam	CL, SC	A-6, A-7-6	0	0	100	100	70-80	40-60	35-43	15-21
	H4	28-32	Unweathered bedrock			---	---	---	---	---	---	---	---
Jd: Jaucas-----	H1	0-11	Sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-70	5-15	0-14	NP
	H2	11-60	Sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-70	5-15	0-14	NP
JoB: Jobos-----	H1	0-10	Sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	100	100	60-70	30-40	16-25	3-8
	H2	10-64	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	47-68	20-33
JuD2: Juncal-----	H1	0-8	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-57	25-32
	H2	8-49	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	52-61	28-35
	H3	49-66	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	39-48	18-25

Engineering Index Properties--Continued

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Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Lo: Limestone Outcrop-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---
Lr: Limestone Rock Land-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---
LuD2: Los Guineos----	H1	0-7	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	47-61	20-28
	H2	7-60	Clay	ML, CH, CL, MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	47-61	20-28
LuF2: Los Guineos----	H1	0-5	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	47-61	20-28
	H2	5-60	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	47-61	20-28
MaB: Mabi-----	H1	0-9	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
	H2	9-24	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
	H3	24-60	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
MaC2: Mabi-----	H1	0-7	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
	H2	7-24	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
	H3	24-60	Clay	CH	A-7-6	0	0	100	90-100	85-100	70-95	70-76	44-49
McF2: Malaya-----	H1	0-6	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-66	25-39
	H2	6-12	Gravelly clay, clay	CH, CL, SC	A-7, A-7-6	0	0	100	55-100	50-100	35-95	48-66	25-39
	H3	12-16	Gravelly clay loam, clay loam	CL, SC	A-2-6, A-2-7, A-6, A-7	0	0	85-100	55-100	45-100	30-95	37-43	16-21
	H4	16-20	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
MdB: Maleza-----	H1	0-10	Fine sandy loam	SM	A-4	0	0	100	100	80-100	35-50	0-14	NP
	H2	10-17	Sandy clay loam	CL, SC	A-6	0	0	100	100	80-90	35-55	29-38	10-15
	H3	17-60	Clay	MH	A-7-5, A-7-6	0	0	100	100	90-100	75-95	52-70	23-32
Mh: Mani-----	H1	0-8	Silty clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-90	45-55	25-30
	H2	8-60	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-64	25-37
Mn: Mani-----	H1	0-8	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-64	25-35
	H2	8-60	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-64	25-37
MoD2: Maresua-----	H1	0-6	Silty clay loam	CH, CL	A-7-6	0	0	100	90-100	85-95	70-90	45-55	25-30
	H2	6-20	Gravelly clay	GC, GP-GC	A-2-6	0	0	24-34	16-27	14-25	11-24	30-40	15-25
	H3	20-45	Weathered bedrock			---	---	---	---	---	---	---	---
MoF2: Maresua-----	H1	0-6	Silty clay loam	CH, CL	A-7-6	0	0	100	90-100	85-95	70-90	45-55	25-30
	H2	6-20	Gravelly clay	GC, GP-GC	A-2-6	0	0	24-34	16-27	14-25	11-24	30-40	15-25
	H3	20-45	Weathered bedrock			---	---	---	---	---	---	---	---
MpD2: Mariana-----	H1	0-6	Gravelly clay	CH, GC, SC	A-7	0	0	50-80	50-75	45-75	35-70	50-55	25-30
	H2	6-26	Clay, clay loam	CH, CL	A-7	0	0	90-100	85-100	75-100	65-95	45-55	25-30
	H3	26-38	Weathered bedrock			---	---	---	---	---	---	---	---
MpE2: Mariana-----	H1	0-6	Gravelly clay	CH, GC, SC	A-7	0	0	50-80	50-75	45-75	35-70	50-55	25-30
	H2	6-26	Clay, clay loam	CH, CL	A-7	0	0	90-100	85-100	75-100	65-95	45-55	25-30
	H3	26-38	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
MrF2: Maricao-----	H1	0-5	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	61-65	28-30
	H2	5-24	Clay, silty clay	MH	A-7-5	0	0	100	100	90-100	75-95	61-65	28-30
	H3	24-60	Silty clay loam, silty clay	CH, CL, MH, ML	A-6, A-7-6	0	0	100	100	95-100	85-95	34-52	13-23
MsB: Matanzas-----	H1	0-14	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-56	18-26
	H2	14-44	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	73-88	35-43
	H3	44-48	Unweathered bedrock			---	---	---	---	---	---	---	---
MtB: Matanzas-----	H1	0-14	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-56	18-26
	H2	14-44	Clay	MH	A-7-5	0	0	100	100	90-100	75-95	73-88	35-43
	H3	44-48	Unweathered bedrock			---	---	---	---	---	---	---	---
Limestone Rockland-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---
MuC2: Moca-----	H1	0-6	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H2	6-32	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H3	32-60	Clay	CH, MH	A-7	0	0-2	100	100	90-100	75-95	56-66	25-34
MuD2: Moca-----	H1	0-6	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H2	6-32	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H3	32-60	Clay	CH, MH	A-7	0	0-2	100	100	90-100	75-95	56-66	25-34

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
MuD3: Moca-----	H1	0-6	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H2	6-26	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H3	26-60	Clay	CH, MH	A-7	0	0-2	100	100	90-100	75-95	56-66	25-34
MuE3: Moca-----	H1	0-6	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H2	6-26	Clay	CH, MH	A-7	0	0	100	100	90-100	75-95	56-66	25-34
	H3	26-60	Clay	MH, CH	A-7	0	0-2	100	100	90-100	75-95	56-66	25-34
MvC: Montegrande----	H1	0-10	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	66-76	41-49
	H2	10-24	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	66-76	41-49
	H3	24-60	Very gravelly clay, extremely gravelly clay	GC	A-2-7	0	0	40-50	25-35	20-35	20-30	56-66	33-41
MwD2: Morado-----	H1	0-7	Clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-80	37-43	16-21
	H2	7-24	Clay loam, silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-80	37-43	16-21
	H3	24-33	Loam	CL, CL-ML	A-4, A-6	0	0	100	100	85-95	60-75	23-30	6-11
	H4	33-37	Unweathered bedrock			---	---	---	---	---	---	---	---
MwE2: Morado-----	H1	0-7	Clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-80	37-43	16-21
	H2	7-24	Clay loam, silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-80	37-43	16-21
	H3	24-33	Loam	CL, CL-ML	A-4, A-6	0	0	100	100	85-95	60-75	23-30	6-11
	H4	33-37	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
MxF2: Mucara-----	H1	0-5	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	56-62	33-38
	H2	5-10	Clay, silty clay	CH	A-7-6	0	0	100	100	90-100	75-95	56-72	33-46
	H3	10-21	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	21-25	Unweathered bedrock			---	---	---	---	---	---	---	---
NaD: Naranjo-----	H1	0-9	Clay	CH, CL	A-7-6	0	0	95-100	85-90	75-90	65-85	48-66	25-39
	H2	9-25	Clay	CH, CL	A-7-6	0	0-5	95-100	85-90	75-90	65-85	48-66	25-39
	H3	25-60	Clay	CH, CL	A-7-6	0	0-5	95-100	80-90	70-90	65-80	48-66	25-39
NcD2: Nipe-----	H1	0-11	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-68	18-32
	H2	11-80	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-100	70-95	43-68	18-32
PaC2: Palmarejo-----	H1	0-5	Silty clay loam	CL	A-6	0	0	100	100	95-100	85-95	34-38	13-15
	H2	5-27	Clay, silty clay	CH, CL, MH, ML	A-7-6	0	0	100	100	90-100	75-95	47-52	20-23
	H3	27-37	Clay loam, silty clay loam, clay	CL	A-6, A-7-6	0	0	90-95	85-90	75-90	60-85	34-45	13-19
	H4	37-60	Sandy clay loam, silty clay loam, clay	CL, SC	A-6, A-7-6	0	0	85-90	80-85	65-85	40-80	31-43	11-18
PeD2: Perchas-----	H1	0-5	Clay	CH	A-7	0	0	100	100	90-100	75-95	61-66	35-39
	H2	5-60	Clay	CH	A-7	0	0	100	100	90-100	75-95	61-66	35-39

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
PlE2: Plata-----	H1	0-11	Clay	CH, CL	A-7	0	0	90-95	85-90	75-90	65-85	48-66	25-39
	H2	11-50	Gravelly clay loam, very gravelly clay loam, very gravelly loam	GC	A-2-6, A-2-7, A-6	0-1	0-10	45-50	35-50	30-50	25-40	37-43	16-21
PlF2: Plata-----	H1	0-11	Clay	CH, CL	A-7	0	0	90-95	85-90	75-90	65-85	48-66	25-39
	H2	11-50	Gravelly clay loam, very gravelly clay loam, very gravelly loam	GC	A-2-6, A-2-7, A-6	0-1	0-10	45-50	35-50	30-50	25-40	37-43	16-21
QuD2: Quebrada-----	H1	0-8	Silty clay	CH, CL	A-7-6	0	0	100	100	95-100	90-95	48-65	25-38
	H2	8-16	Silty clay, clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-65	25-38
	H3	16-60	Loam, silty clay loam, clay loam	CL	A-4, A-6, A- 7-6	0	0	100	100	85-100	60-100	28-48	9-25
QuE2: Quebrada-----	H1	0-8	Silty clay	CH, CL	A-7-6	0	0	100	100	95-100	90-95	48-65	25-38
	H2	8-14	Silty clay, clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-65	25-38
	H3	14-80	Loam, silty clay loam, clay loam	CL	A-4, A-6, A- 7-6	0	0	100	100	85-100	60-100	28-48	9-25
QuF2: Quebrada-----	H1	0-5	Silty clay	CH, CL	A-7-6	0	0	100	100	95-100	90-95	48-65	25-38
	H2	5-11	Silty clay, clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-65	25-38
	H3	11-60	Loam, silty clay loam, clay loam	CL	A-4, A-6, A- 7-6	0	0	100	100	85-100	60-100	28-48	9-25

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Re: Reilly-----	H1	0-9	Gravelly loam	GM	A-4	0	0	60-65	55-60	40-55	35-45	0-14	NP
	H2	9-18	Very gravelly sand, gravelly sand, gravelly sandy loam	GP, GW, SP, SP-SM	A-1	0	0-10	25-55	10-50	5-35	1-10	---	NP
	H3	18-60	Stratified very gravelly sand to sand	GP, GW, SP, SP-SM	A-1	0	5-10	20-55	10-50	5-35	0-8	0-14	NP
R1B: Rio Lajas-----	H1	0-8	Sand	SM, SP-SM, SW-SM	A-2-4, A-3	0	0	100	100	50-70	5-15	0-14	NP
	H2	8-33	Loamy sand	SM	A-2-4	0	0	100	100	50-75	15-30	0-14	NP
	H3	33-60	Sandy loam	SC, SC-SM, SM	A-2-4, A-2-6	0	0	100	100	60-70	30-35	21-30	4-11
RpC2: Rio Piedras-----	H1	0-7	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-61	18-28
	H2	7-27	Clay	MH, ML, CH, CL	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-79	18-38
	H3	27-60	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-95	70-95	43-61	18-28
	H4	60-64	Unweathered bedrock			---	---	---	---	---	---	---	---
RpD2: Rio Piedras-----	H1	0-7	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-61	18-28
	H2	7-27	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-79	18-38
	H3	27-60	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-95	70-95	43-61	18-28
	H4	60-64	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Rr: Riverwash-----		---	---	---	---	---	---	---	---	---	---	---	---
RsD2: Rosario-----	H1	0-6	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-70	18-33
	H2	6-26	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-100	75-95	43-70	18-33
	H3	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
RsE2: Rosario-----	H1	0-6	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-70	18-33
	H2	6-26	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-100	75-95	43-70	18-33
	H3	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
RsF2: Rosario-----	H1	0-6	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	90-100	75-95	43-70	18-33
	H2	6-26	Clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	85-100	75-95	43-70	18-33
	H3	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
SaD: San German-----	H1	0-8	Gravelly clay loam	GC	A-2-6, A-2-7	0	0-5	40-50	35-45	30-45	25-35	35-43	15-21
	H2	8-12	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
SaE: San German-----	H1	0-7	Gravelly clay loam	GC	A-2-6, A-2-7	0	0-5	40-50	35-45	30-45	25-35	35-43	15-21
	H2	7-11	Unweathered bedrock			---	---	---	---	---	---	---	---
ScB: San German-----	H1	0-2	Cobbly sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	0-2	25-75	75-100	70-100	40-95	20-75	21-35	4-15
	H2	2-10	Gravelly clay loam, very gravelly clay loam, very gravelly loam	GC	A-2-6, A-2-7	0	0	40-50	35-45	30-45	25-35	30-43	11-21
	H3	10-14	Unweathered bedrock			---	---	---	---	---	---	---	---
SdF2: San Sebastian---	H1	0-4	Gravelly clay	CH, GC, SC	A-7-6	0	0-1	60-80	55-75	50-75	40-70	52-57	28-32
	H2	4-41	Gravelly clay, very gravelly clay	GC	A-2-7	0	0-2	25-40	20-35	19-33	17-29	52-66	28-39
SeB: Santa Clara-----	H1	0-6	Silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	75-95	39-48	18-25
	H2	6-23	Silty clay	CH	A-7-6	0	0	100	100	95-100	90-95	52-66	28-39
	H3	23-30	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
SmE2: Santa Marta-----	H1	0-8	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-65	25-37
	H2	8-15	Clay	CH, CL	A-7-6	0	0	100	100	90-100	75-95	48-65	25-37
	H3	15-48	Clay loam	CL	A-6, A-7-6	0	0	100	100	90-100	70-80	37-48	16-25
	H4	48-52	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
Sn: Santoni-----	H1	0-12	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	56-74	33-47
	H2	12-60	Clay	CH	A-7-6	0	0	100	100	90-100	75-95	56-74	33-47
SNS: Soils Not Surveyed-----		---	---	---	---	---	---	---	---	---	---	---	---
So: Serpentinite Outcrop-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---
SrD: Soller-----	H1	0-5	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	5-12	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	12-26	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
Limestone Rockland-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---
SrE: Soller-----	H1	0-12	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	12-26	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
Limestone Rockland-----	H1	0-60	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
SsD2: Soller-----	H1	0-4	Cobbly clay	CH, CL	A-7-6	10-20	0-5	95-100	90-95	80-95	60-95	48-66	25-38
	H2	4-11	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	11-25	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	25-29	Unweathered bedrock			---	---	---	---	---	---	---	---
SsE2: Soller-----	H1	0-4	Cobbly clay	CH, CL	A-7-6	10-20	0-5	95-100	90-95	80-95	60-95	48-66	25-38
	H2	4-10	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	10-24	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
StB: Soller-----	H1	0-6	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	6-14	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	14-30	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
StC: Soller-----	H1	0-6	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	6-14	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	14-27	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	27-31	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
StD: Soller-----	H1	0-6	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	6-13	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	13-26	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
StE: Soller-----	H1	0-5	Clay	CH, CL	A-7-6	---	0-10	100	100	90-100	75-95	48-70	25-42
	H2	5-12	Clay, cobbly clay	CH	A-7-6	0-20	0-5	95-100	90-100	80-100	60-95	57-71	32-42
	H3	12-26	Weathered bedrock			---	---	---	---	---	---	---	---
	H4	26-30	Unweathered bedrock			---	---	---	---	---	---	---	---
Ta: Talante-----	H1	0-8	Loam	CL, CL-ML	A-4, A-6	0	0	100	100	85-95	60-75	23-35	6-15
	H2	8-17	Loam	CL, CL-ML	A-4, A-6	0	0	100	100	85-95	60-75	23-35	6-15
	H3	17-60	Coarse sand, fine sand	SP-SM, SM	A-2, A-3	0	0	100	100	50-70	5-15	0-14	NP
TcB2: Tanama-----	H1	0-5	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	61-71	35-42
	H2	5-18	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	66-76	39-44
	H3	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
TcC2: Tanama-----	H1	0-5	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	61-71	35-42
	H2	5-17	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	66-76	39-44
	H3	17-21	Unweathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties--Continued

Map symbol and soil name	Horizon	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
				Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
		In				Pct	Pct					Pct	
TcD2: Tanama-----	H1	0-5	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	61-71	35-42
	H2	5-17	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	66-76	39-44
	H3	17-21	Unweathered bedrock			---	---	---	---	---	---	---	---
TcE2: Tanama-----	H1	0-4	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	61-71	35-42
	H2	4-16	Clay	CH	A-7	---	0-15	100	100	90-100	75-95	66-76	39-44
	H3	16-20	Unweathered bedrock			---	---	---	---	---	---	---	---
Td: Tidal Swamp----	H1	0-60	Variable			0	0	---	---	---	---	---	---
ToA: Toa-----	H1	0-10	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-95	37-48	16-25
	H2	10-22	Silty clay loam, silty clay	CH, CL	A-7-6	0	0	100	100	90-100	70-95	43-52	21-28
	H3	22-60	Silty clay loam, silty clay, clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-95	43-52	21-28
Ts: Toa-----	H1	0-10	Silty clay	CH, CL	A-7-6	0	0	100	100	95-100	90-95	48-61	25-35
	H2	10-25	Silty clay loam, silty clay, clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-95	43-52	21-28
	H3	25-60	Silty clay loam, silty clay, clay loam	CH, CL	A-7-6	0	0	100	100	90-100	70-95	43-52	21-28

Engineering Index Properties--Continued

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